

STEREO MOC Status Report
Time Period: 2009:355 - 2009:361

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 355, during the DSS 65 support, turbo decoder lock was lost intermittently from 0617z through 1030z due to snow on the antenna dish. This resulted in the loss of several minutes of SSR data for all instruments. See DR# M105582 for more information.
- On day 356, during the DSS 55 support, turbo decoder lock was lost intermittently from 0527z through 1055z. This resulted in the loss of several minutes of SSR data for all instruments. See DR# M105584 for more information.

2. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Ahead was 6.1 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 356, during the DSS 55 support, turbo decoder lock was lost intermittently throughout the duration of the track. This resulted in the loss of several minutes of SSR data for all instruments. See DR# M105586 for more information.
- On day 357, during the DSS 55 support, the transmitter tripped off-line at 1416z. The uplink was re-established at 1442z. This resulted in the loss of several minutes of SSR data for all instruments. See DR# M105588 for more information.
- On day 361, during the DSS 45 support, telemetry lock was lost intermittently from 1033z through 1130z due to heavy rain at Canberra. This resulted in the loss of several hours of SSR data for all instruments. See DR# C107203 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 356, the 20th momentum dump was successfully executed at 1600Z, which imparted a delta V of 0.0638 m/sec.
- The average daily SSR playback volume for Behind was 4.0 Gbits during this week.